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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/696,156

10/28/2003

Paramjit Kahlon

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EXAMINER

OBEID, FAHD A

ART UNIT

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/696,156	<b>Applicant(s)</b> KAHLON ET AL.	
	<b>Examiner</b> FAHD A. OBEID	<b>Art Unit</b> 3627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Status of the Application***

#### ***Preliminary Remarks***

1. This is in reply to application filed on 10/28/2008.
2. Claims 25-32 remain cancelled.
3. No claims have been added or amended.
4. Claims 1-24 are currently pending and have been examined.

The examiner acknowledges applicants submission of terminal disclaimer filed on 10/28/2008, and therefore the previous office action's rejection with respect to the obviousness double patenting has been withdrawn.

#### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Katz (US 2002/0178077).**

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3. Regarding Claims 1 and 9: Katz discloses a method in a computing system for managing inventory, the method comprising:

- Extracting inventory location information in a first form that is associated with a first source computerized inventory management system (internal data are extracted in a variety of formats and therefore require transformation “conversion”; internal data such as suppliers databases which includes information about product catalog data, product specifications, part numbers, prices, quantity, total net landed cost, delivery dates, lead time, PO histories, client inventories, distributor data, transportation schedules, supply inventories, inventory targets, vendor managed inventory etc. see at least para 42).
- Converting the inventory location information in the first form into inventory location information that is in a second intermediate form (transformation is the process of mapping data from source objects onto target objects and applying conversions to the data, after the transformation have been defined, then scripts are generated which perform the function of converting and loading data into target objects; see at least para 190).
- Converting the inventory location information in the second intermediate form into inventory location information in a target form that corresponds to a target computerized inventory management system (extraction, transformation, loading, and normalization/integration of internal data and external data; software tools are used to extract data from a source data set, transform "convert" the data through a set of business and data rules, and load the data to a target data set; see at least para 54).

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4. Regarding Claims 2 and 10: Katz discloses a method of claim 1, further comprising: using the inventory location information in the target form to perform at least one computer-implemented act from a set of computer-implemented acts comprising:

- Creating a new inventory location record in the target computerized inventory management system; and updating an existing inventory location record in the target computerized inventory management system (paras 39 and 201 ).

5. Regarding Claims 3 and 11: Katz discloses a method of claim 1, further comprising:

- Extracting inventory location information in a third form that is associated with a second source computerized inventory management system that is distinct from the first source computerized inventory management system (information is selected from one or more data source, consisting of suppliers, vendors, product databases etc. see para 42 and claims 22-23).
- Converting the inventory location information in the third form into inventory location information that is in the second intermediate form (para 190).
- Converting the inventory location information in the second intermediate form into inventory location information in the target form (para 54).

Using the inventory location information in the target form to perform at least one computer-implemented act from a set of computer-implemented acts comprising:

- Creating a new inventory location record in the target computerized inventory management system (paras 39 and 201).

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- Updating an existing inventory location record in the target computerized inventory management system (paras 39 and 201).

6. Regarding Claims 4 and 12: Katz discloses a method of claim 1, wherein the second intermediate form includes a list of inventory locations class with a hierarchy of data elements (paras 122 and 208).

7. Regarding Claims 5, 13-19, and 23: Katz discloses a method of claim 4, wherein the hierarchy of data elements includes a plurality of inventory location elements, wherein each of the plurality of inventory location elements includes: an identifier for identifying the inventory location element; a base data element for defining: a location description; a location name; and a location type code; a list of addresses element for defining a plurality of address elements from a party class; a list of related business units elements for defining a plurality of business units associated with the inventory, and wherein each of the plurality of business units associated with the inventory includes an identifier element; a list of related inventory locations for defining a plurality of related inventory locations; and a custom data element for defining customized attributes for the inventory (paras 46-47, and claims 14-18).

8. Regarding Claims 6, 20, and 21: Katz discloses a method of claim 5, wherein each of the plurality of address elements includes: an address identifier element; an address base data element, wherein the address data cleansing data element includes a disable cleansing flag

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element; an address data cleansing data element; an address relationship data element; and an address custom data element (para 44 and 180).

9. Regarding Claims 7 and 22: Katz discloses a method of claim 6, wherein the address relationship data element includes: an address effective end date element; an address occupancy type code element; an address effective start date element; an address type code element; and an address list of roles element (para 44 and 180).

10. Regarding Claims 8 and 24: Katz discloses a method of claim 5, wherein each of the plurality of related inventory locations include a related inventory location identifier element and a related inventory location type code element (paras 46 and 47).

### ***Response to Arguments***

11. Applicant's arguments have been fully considered but they are not persuasive. In particular the applicant argues that: a) Extracting inventory location information in a first form that is associated with a first source computerized inventory management system b) Converting the inventory location information in the first form into inventory location information that is in a second intermediate form c) Converting the inventory location information in the second intermediate form into inventory location information in a target form that corresponds to a target computerized inventory management system.

In response to a) examiner respectfully disagrees. Applicant is reminded that claims must be given their broadest reasonable interpretation. Katz teaches internal data are extracted in a variety of formats and therefore require transformation “conversion”; internal data such as

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suppliers databases which includes information about product catalog data, product specifications, part numbers, prices, quantity, total net landed cost, delivery dates, lead time, PO histories, client inventories, distributor data, transportation schedules, supply inventories, inventory targets, vendor managed inventory etc. (see at least para 42).

In response to b) examiner respectfully disagrees. Katz teaches transformation is the process of mapping data from source objects onto target objects and applying conversions to the data, after the transformation have been defined, then scripts are generated which perform the function of converting and loading data into target objects; (see at least para 190).

In response to c) examiner respectfully disagrees. Katz teaches extraction, transformation, loading, and normalization/integration of internal data and external data; software tools are used to extract data from a source data set, transform "convert" the data through a set of business and data rules, and load the data to a target data set; (see at least para 54). Furthermore, Katz teaches more than one conversions such as in fig.7A-B; extracting and transforming data from a plurality of internal data sources (para 187). Therefore, Katz still meets the scope of the limitation as currently claimed.

### ***Conclusion***

1. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after



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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FAHD A. OBEID whose telephone number is (571)270-3324. The examiner can normally be reached on Monday to Friday 8:00am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ryan Zeender can be reached on 571-272-6790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Fahd A Obeid/  
Examiner, Art Unit 3627  
02/13/2009

/F. Ryan Zeender/  
Supervisory Patent Examiner, Art Unit 3627